

El Paso Community College
Syllabus
Part II
Official Course Description

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|---------------------------------|---|----------|----------|----------|----------|---------|-----|--|-----|
| SUBJECT AREA | <u>Fire Technology</u> | | | | | | | | |
| COURSE RUBRIC AND NUMBER | <u>FIRT 1408</u> | | | | | | | | |
| COURSE TITLE | <u>Fire Inspector I</u> | | | | | | | | |
| COURSE CREDIT HOURS | <table border="0" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;"><u>4</u></td> <td style="text-align: center;"><u>3</u></td> <td style="text-align: center;"><u>:</u></td> <td style="text-align: center;"><u>3</u></td> </tr> <tr> <td style="text-align: center;">Credits</td> <td style="text-align: center;">Lec</td> <td></td> <td style="text-align: center;">Lab</td> </tr> </table> | <u>4</u> | <u>3</u> | <u>:</u> | <u>3</u> | Credits | Lec | | Lab |
| <u>4</u> | <u>3</u> | <u>:</u> | <u>3</u> | | | | | | |
| Credits | Lec | | Lab | | | | | | |

I. Catalog Description

One in a series of three courses required for Fire Inspector certification. Meets the curriculum requirements of the Texas Commission on Fire Protection (TCFP) for Fire Inspector I. ****THIS COURSE MAY BE OFFERED ONLY BY INSTITUTIONS CERTIFIED AS A TRAINING FACILITY BY THE TEXAS COMMISSION ON FIRE PROTECTION** (3:3).**

II. Course Objectives

Upon satisfactory completion of this course, the student will be able to:

- A. Describe the duties and authority of the inspector and explain the legal system on which it is based.
- B. Explain standards, codes, and permits; participate in a legal proceeding; and recognize the need for a permit.
- C. Describe physical and chemical changes and reactions that occur with fire and the factors involved in fire development.
- D. List and describe construction types and occupancy classifications as defined by the model building and fire codes.
- E. Describe the types of construction and construction materials listed in the model building and fire codes.
- F. Describe each building component.
- G. Explain and describe the means of egress system and calculate occupant loads.
- H. Describe differences between public and private water supply distribution systems, discuss hydrants and hydrant inspection considerations, and explain and calculate various formulas regarding fire flow.
- I. Describe water-based fire protection systems and perform a periodic inspection of sprinkler systems.
- J. List and explain different special-agent fire-extinguishing systems and portable fire extinguishers features.
- K. List and explain fire detection and alarm systems features and functions.
- L. Identify and describe fire hazards caused by a variety of behaviors and conditions.
- M. Identify and describe site access requirements and conditions.
- N. Identify and describe various hazardous materials symbols, placards, and markings.
- O. Describe the types of packaging used for storage and transport of hazardous materials and inspection concerns regarding storing, handling, dispensing, transporting, using, and disposing of hazardous materials.
- P. List and describe each of the types of plan views and describe which system plans require review.
- Q. Discuss the interpersonal skills of an inspector, describe general inspection practices, and discuss final interviews.
- R. Evaluate an evacuation drill, respond to a citizen complaint, and conduct a field inspection.

III. THECB Learning Outcomes (WECM)

Demonstrate competencies set forth in the TCFP curriculum for Fire Inspector I.

IV. Evaluation

Attendance Policies

Attendance Policy: Students absent for two or more class periods without a valid excuse as determined by the instructor may be dropped from the course. Any exam or assignment not completed as a result of an unexcused absence will receive a grade of "0" for that exam or assignment.

Students who have not attended class before or on the census date listed in the Credit Course Schedule and the Course Calendar and have not contacted the instructor with a valid excuse will be dropped from the course.

Tardiness Policy: Students must be seated and ready to begin class at the scheduled time. Students tardy for two or more class periods without a valid excuse as determined by the instructor may be dropped from the course.

Expect class to last the entire scheduled time. Students may not leave class early without a valid excuse or without having made arrangements with the instructor. Students doing so will be considered absent for that class period.

Withdrawal Policy: Students who desire to withdraw are responsible for initiating withdrawal action through the EPCC Registrar's Office according to the policy in the Credit Class Schedule. **After the drop date listed in the Credit Class Schedule and the Course Calendar, students will receive a grade based upon all required items. Items not completed will be given a grade of "0".**

Students requesting an Incomplete, "I", must comply with EPCC policies and procedures listed in the Credit Class Schedule.

Cheating Policy: Students determined to be cheating on an exam or plagiarizing another student's assignment will be given a grade of "0" for that exam or assignment. An incident report documenting the circumstances will be prepared by the Instructor and submitted to the Instructional Coordinator of Fire Technology and then forwarded to the Dean of Educational and Occupational Programs. A copy of the report will be provided to the student. A second such incident will be grounds for dismissal of the student from the course with a grade of "F".

Grading Scale

- A: 90 - 100
- B: 80 - 89
- C: 75 - 79
- D: 70 - 74
- F: 0 - 69

V. Disability Statement (Americans with Disabilities Act [ADA])

EPCC offers a variety of services to persons with documented sensory, mental, physical, or temporary disabling conditions to promote success in classes. If you have a disability and believe you may need services, you are encouraged to contact the Center for Student with Disabilities to discuss your needs with a counselor. All discussions and documentation are kept confidential. Offices located: VV Rm C-112 (831-2426); TM Rm 1400 (831-5808); RG Rm B-201 (831-4198); NWC Rm M-54 (831-8815); and MDP Rm A-125 (831-7024).

VI. 6 Drop Rule

Students who began attending Texas public institutions of higher education for the first time during the Fall 2007 semester or later are subject to a 6-Drop limit for all undergraduate classes. Developmental, ESL, Dual Credit and Early College High School classes are exempt from this rule. All students should consult with their instructor before dropping a class. Academic assistance is available. Students are encouraged to see Counseling Services if dropping because exemption may apply. Refer to the EPCC catalog and website for additional information.